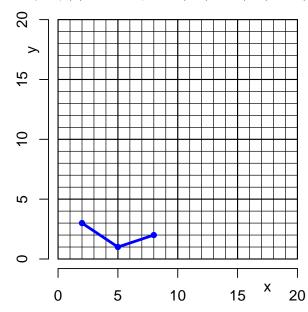
PCW_09_18 Find new points after transformation (version 48)

Question 1

Curve y = f(x) contains points (2,3) and (5,1) and (8,2), as shown on the x-y plane below.



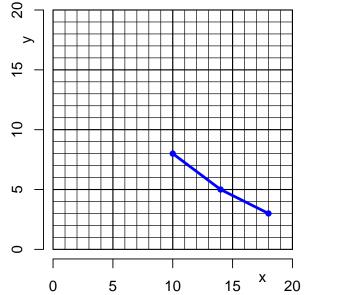
$$y = f(x)$$

On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x+4}{2}\right] + 6$$

Question 2

Curve y = f(x) contains points (10,8) and (14,5) and (18,3), as shown on the x-y plane below.



y = f(x)

On the same plane, please draw the curve represented by the equation below:

$$y = 3f[2(x-3)] - 6$$